

WHAT IS CLAIMED IS:

- 1 1. An apparatus for controlling an animal, said apparatus comprising:.
- 2 an animal collar assembly worn by an animal;
- 3 a detector for detecting a transmitted signal indicating said detector is
- 4 located within a first zone;
- 5 a correction signal generator coupled with said detector and configured
- 6 to apply a first sequence of correction signals transmitted to said animal for controlling said
- 7 animal;
- 8 wherein said correction signal generator is further configured to apply
- 9 a second sequence of correction signals transmitted to said animal for controlling said animal
- 10 and wherein said second sequence is different from said first sequence; and
- 11 wherein said correction signal generator is further configured to apply
- 12 said second sequence of correction signals if said animal does not leave said first zone in
- 13 response to said first sequence of correction signals after a period of time.
- 1 2. The apparatus as described in claim 1 and further comprising a random
- 2 time interval generator coupled with said correction signal generator and wherein said second
- 3 sequence of correction signals is applied in response to said random time interval generator.
- 1 3. The apparatus as described in claim 1 wherein said second sequence of
- 2 correction signals comprises a randomized sequence of signals.
- 1 4. The apparatus as described in claim 3 wherein said randomized
- 2 sequence of signals comprises random intervals between application of each successive
- 3 signal in said randomized sequence of signals.
- 1 5. The apparatus as described in claim 1 wherein said correction signal
- 2 generator is configured to transmit at least one sound in the audible range of said animal as
- 3 said first sequence of correction signals and as said second sequence of correction signals.

1 6. The apparatus as described in claim 1 wherein said correction signal
2 generator is configured to transmit an electrical stimulation to said animal in said first
3 sequence of correction signals and in said second sequence of correction signals.

1 7. The apparatus as described in claim 6 wherein prior to generation of
2 said second sequence of correction signals, said correction signal generator is configured to
3 generate successive sets of correction signals wherein each of said successive sets of
4 correction signals has a voltage magnitude greater than the immediately preceding set of
5 corrections signals.

1 8. The apparatus as described in claim 1 wherein each of said signals in
2 said first sequence of correction signals is separated by a separation interval and wherein said
3 separation interval decreases with each successive signal of said first sequence of correction
4 signals.

1 9. The apparatus as described in claim 1 wherein said detector is further
2 configured to determine a period of time in said first zone after detection of said transmitted
3 signal indicating said detector is located within said first zone.

1 10. The apparatus as described in claim 9 wherein said generator is
2 configured to apply said second sequence of correction signals if said time exceeds a
3 predetermined period of time.

1 11. The apparatus as described in claim 1 wherein said detector for
2 detecting said transmitted signal is configured to detect a strength of said transmitted signal
3 and wherein said strength of said transmitted signal is related to positioning within said first
4 zone.

1 12. The apparatus as described in claim 11 wherein said correction signal
2 generator utilizes said strength of said transmitted signal to determine the magnitude of the
3 initial correction signal applied.

1 13. A method of controlling an animal, said method comprising:
2 providing a collar receiver assembly to be worn by an animal;

3 detecting a transmitted signal with a detector indicating said detector is
4 located within a first zone;

5 applying a first sequence of correction signals for controlling said
6 animal;

7 determining whether said animal has not moved from said first zone
8 after said applying said first sequence of correction signals;

9 waiting a period of time after initiating application of said first
10 sequence of correction signals;

11 in response to said determining that said animal has not moved from
12 said first zone after said period of time, applying a second sequence of correction signals for
13 controlling said animal different from said first sequence of correction signals.

1 14. The method as described in claim 13 and further comprising a random
2 time interval generator for randomizing the time intervals between said correction signals in
3 said second sequence of correction signals.

1 15. The method as described in claim 13 wherein said applying said first
2 sequence of correction signals for controlling said animal and said applying said second
3 sequence of correction signals for correcting said animal comprises:

4 transmitting at least one sound in the audible range of said animal.

1 16. The method as described in claim 13 wherein said applying said first
2 sequence of correction signals for controlling said animal and said applying said second
3 sequence of correction signals for controlling said animal comprises transmitting an electrical
4 stimulation to said animal.

1 17. The method as described in claim 16 wherein prior to said applying
2 said second sequence of correction signals said method further comprises:
3 applying successive sets of correction signals wherein each of said successive
4 sets of correction signals has a voltage magnitude greater than the immediately preceding set
5 of correction signals.

1 18. The method as described in claim 13 and further comprising:

2 detecting a strength of said transmitted signal wherein said strength of
3 said transmitted signal is related to positioning within said first zone.

1 19. The method as described in claim 18 and further comprising:
2 utilizing said strength of said transmitted signal to determine the
3 magnitude of the initial correction signal applied to said animal.

1 20. The method as described in claim 13 and further comprising:
2 utilizing an animal collar coupled with said detector.
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